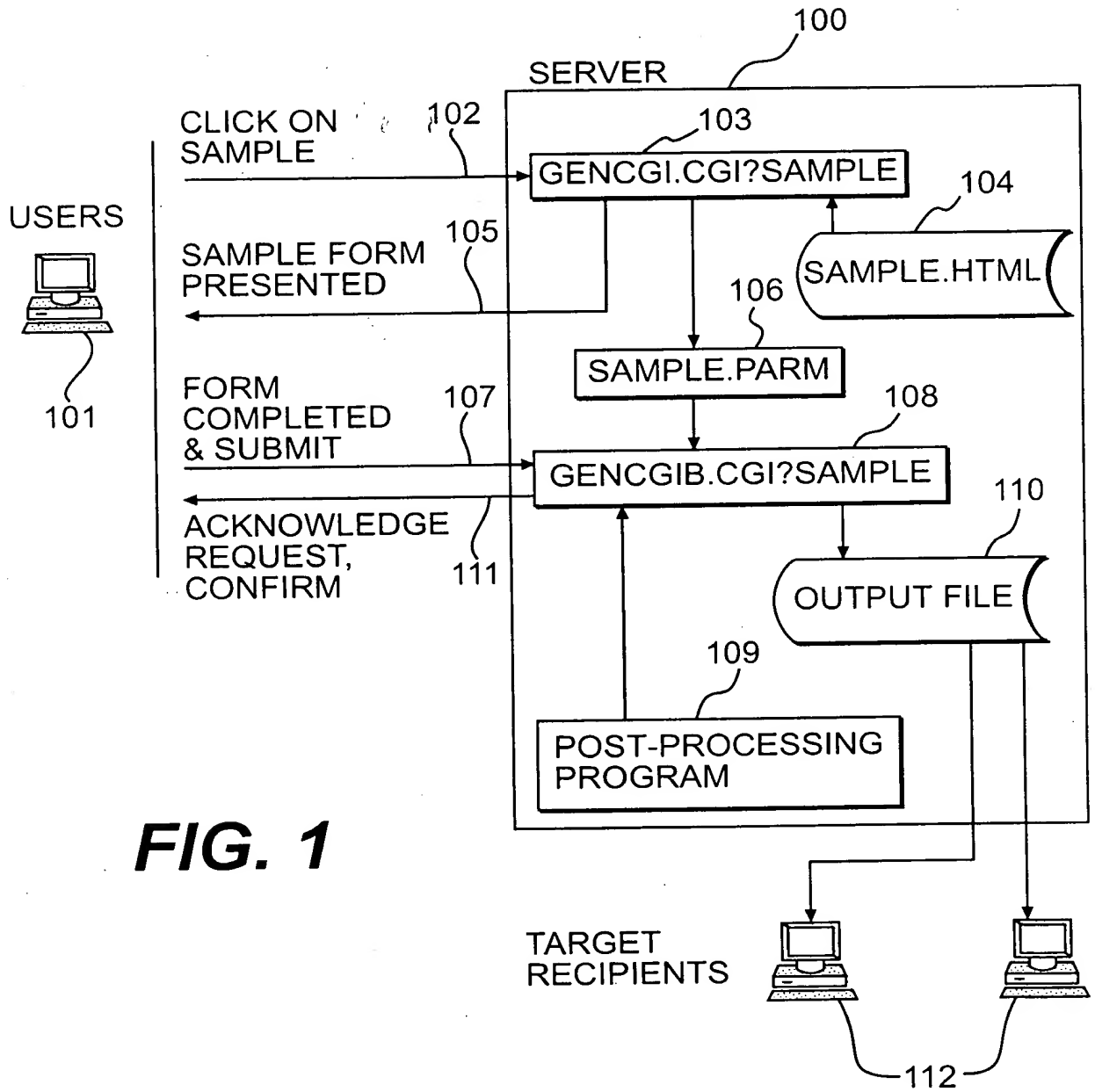

100
SERVER
CLICK ON SAMPLE
102
103
GENCGI.CGI?SAMPLE
104
USERS
SAMPLE FORM PRESENTED
105
SAMPLE.HTML
106
SAMPLE.PARM
FORM COMPLETED & SUBMIT
107
108
GENCGIB.CGI?SAMPLE
110
ACKNOWLEDGE REQUEST, CONFIRM
111
OUTPUT FILE
109
POST-PROCESSING PROGRAM
101
TARGET RECIPIENTS
112

FIG. 1

```
<HTML>
<!-- ------------------------------------------------------------------------------------------------------------------------ -->
<!-- sample.html  --  Example of html input file for Generic CGI Handling.                                                    -->
<!--                                                                                                                          -->
<!-- MANUFACTURING -- OPERATOR COUNT REQUEST FORM.       George Te, 11/21/2000                                                -->
<!-- ------------------------------------------------------------------------------------------------------------------------ -->
<HEAD><TITLE>HTML input file for Generic CGI Handling</TITLE></HEAD>
<BODY text="0000A0">
<FORM NAME= "sample" METHOD = "POST" ACTION="gencgib.cgi?sample">                                                    201
<BR><FONT SIZE=6> Manufacturing - Operator Count </FONT>
<HR><BR>
<TABLE BORDER CELLPADDING=5>
    <TR>    <TD>User Id <BR><INPUT TYPE=text NAME="user" SIZE=15 value=$$usrid ></TD>
            <TD>Factory <BR><INPUT TYPE=text NAME="fact" SIZE=15 value="0" ></TD>
            <TD COLSPAN=2>Current Plan ID<br>
            <SELECT NAME="plan">
                <OPTION VALUE="planA1" SELECTED > Plan-A
                <OPTION VALUE="planD1">T1 Plan-T
                <OPTION VALUE="planE1">U1 Plan-E
                <OPTION VALUE="planF1">V1 Plan F        </SELECT> </TD></TR>
    <TR>    <TD> Product ID  <BR><INPUT TYPE=text NAME="prod" SIZE=15 value="ALL" >   </TD>
            <TD> Station     <BR><INPUT TYPE=text NAME="stan" SIZE=15 value="ALL" >   </TD>
            <TD> Machine     <BR><INPUT TYPE=text NAME="mach" SIZE=15 value="ALL" >   </TD></TR>          202
    <TR>    <TD>Categories   <BR><INPUT TYPE=text NAME="catg" SIZE=15 value=""       </TD>
            <TD>Center       <BR><INPUT TYPE=text NAME="cent" SIZE=15 value=""       </TD>
            <TD>Processes    <BR><INPUT TYPE=text NAME="prcs" SIZE=15 value"ALL"     </TD></TR>
    </TABLE><BR>
```

FIG. 2

```
    <HR>
        Operators: (Please select one) <BR>
        <INPUT TYPE="Radio" Name="actn value="a1 Operator Demand            ">1. Run Operator count at demand <BR>
        <INPUT TYPE="Radio" Name="actn value="a2 Oper_Starts" CHECKED       >2. Run Operator count at Starts <BR>
    <BR>
        <INPUT TYPE=submit NAME="submitbutton" VALUE="Submit">  ~~~ 203
        <INPUT TYPE=reset NAME="resetbutton" VALUE="Reset">
    </FORM>

<SCRIPT language = JavaScript >
<!--
        document.sample.fact.focus() ;
// -->
</SCRIPT>
<!-- ------------------------------------------------------------------------------------------------------------ -->
<!-- EMAIL_SEND:Y                    (N-Don't send; Y- send per EMAIL_RECEIVER.)        -->
<!--                                                                                                              -->
<!-- EMAIL_RECEIVER:     te@us.ibm.com                                                                            -->
<!-- EMAIL_RECEIVER:     gte@vnet.ibm.com                                                                         -->
<!-- PROGRAM:    /afs/fishkill/data/fac/pqr/mmm555/countopr.exec                                                  -->
<!--                                                                                                              -->
<!-- ============================================================================ -->
<!-- KEYS:                                                                                                        -->
<!-- 1. email_send -- to send results to recipients or not.                                                       -->
<!-- 2. email_receiver -- email addresses of receivers of output files.                                           -->
<!-- 3. program -- programs that gencgib.cgi will call.  If 2nd                                                   -->
<!--                  word is '&', then execute detached.  'NO&' or blank                                         -->
<!--                          means execute at called point.  Calling program waits                               -->
<!--                          for results.                                                                        -->
<!-- ------------------------------------------------------------------------------------------------------------ -->
</body> </html>
```

204

FIG. 2 (continued)

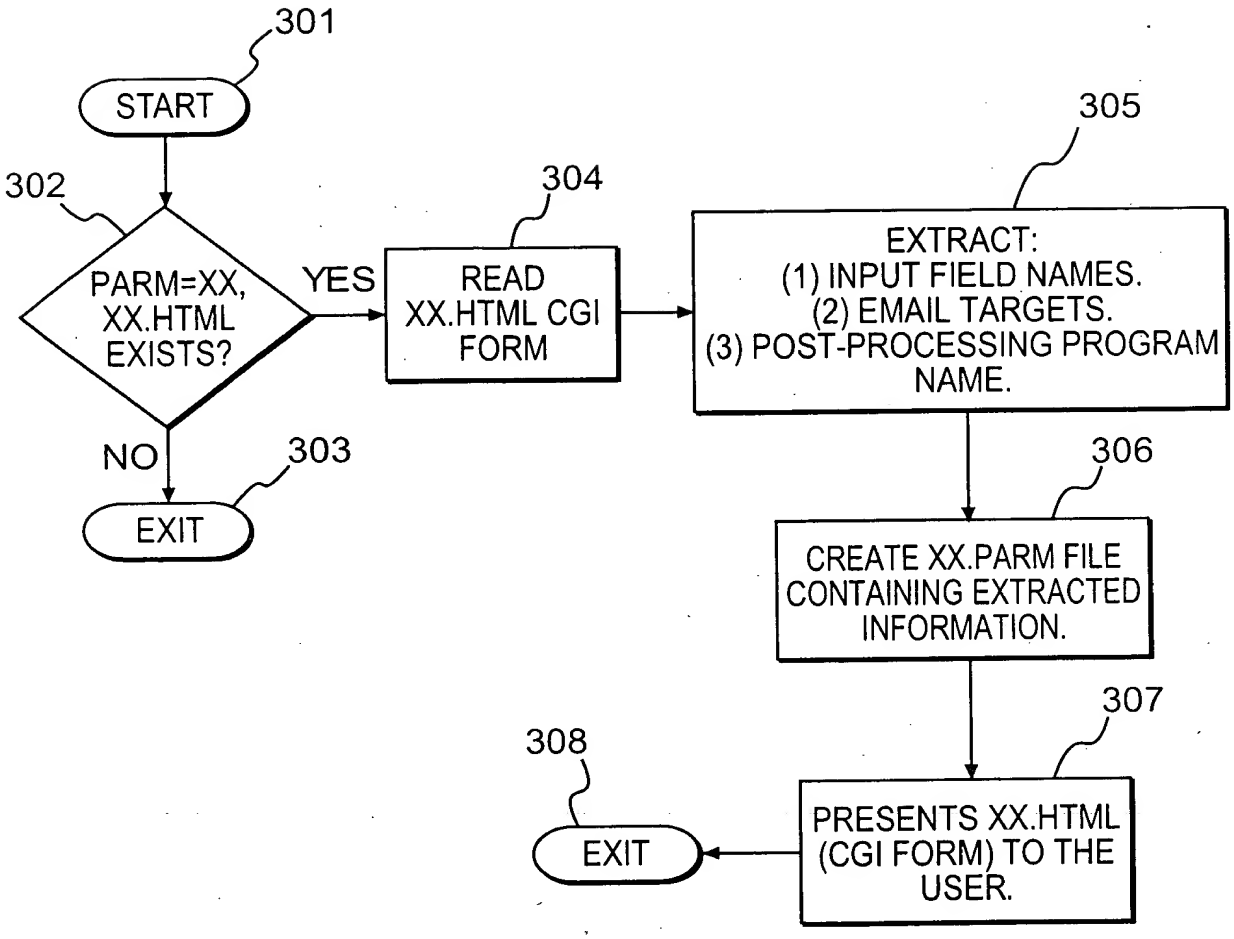

301
START
302
PARM=XX,
XX.HTML
EXISTS?
YES
NO
303
EXIT
304
READ
XX.HTML CGI
FORM
305
EXTRACT:
(1) INPUT FIELD NAMES.
(2) EMAIL TARGETS.
(3) POST-PROCESSING PROGRAM
NAME.
306
CREATE XX.PARM FILE
CONTAINING EXTRACTED
INFORMATION.
307
PRESENTS XX.HTML
(CGI FORM) TO THE
USER.
308
EXIT

FIG. 3

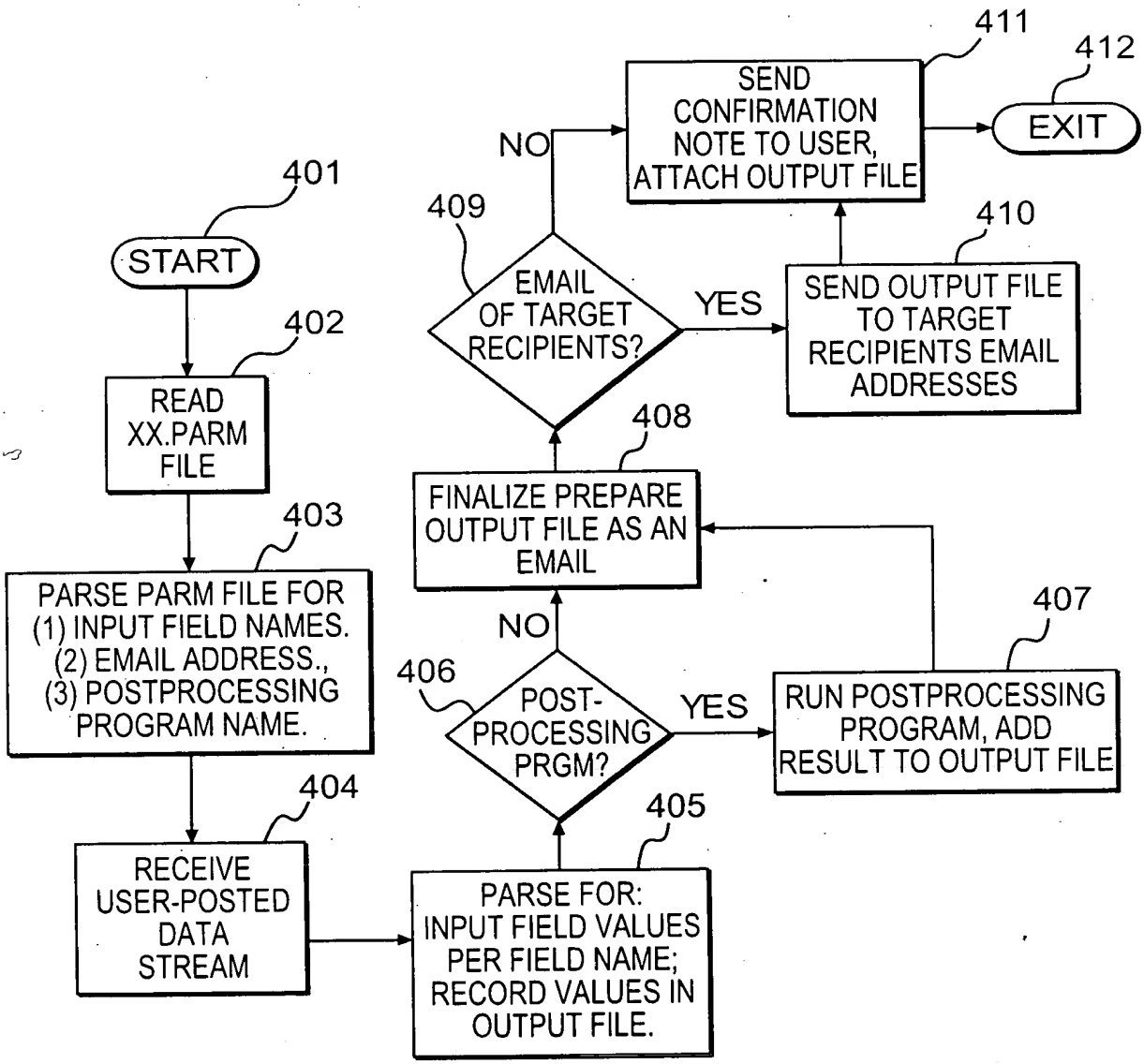
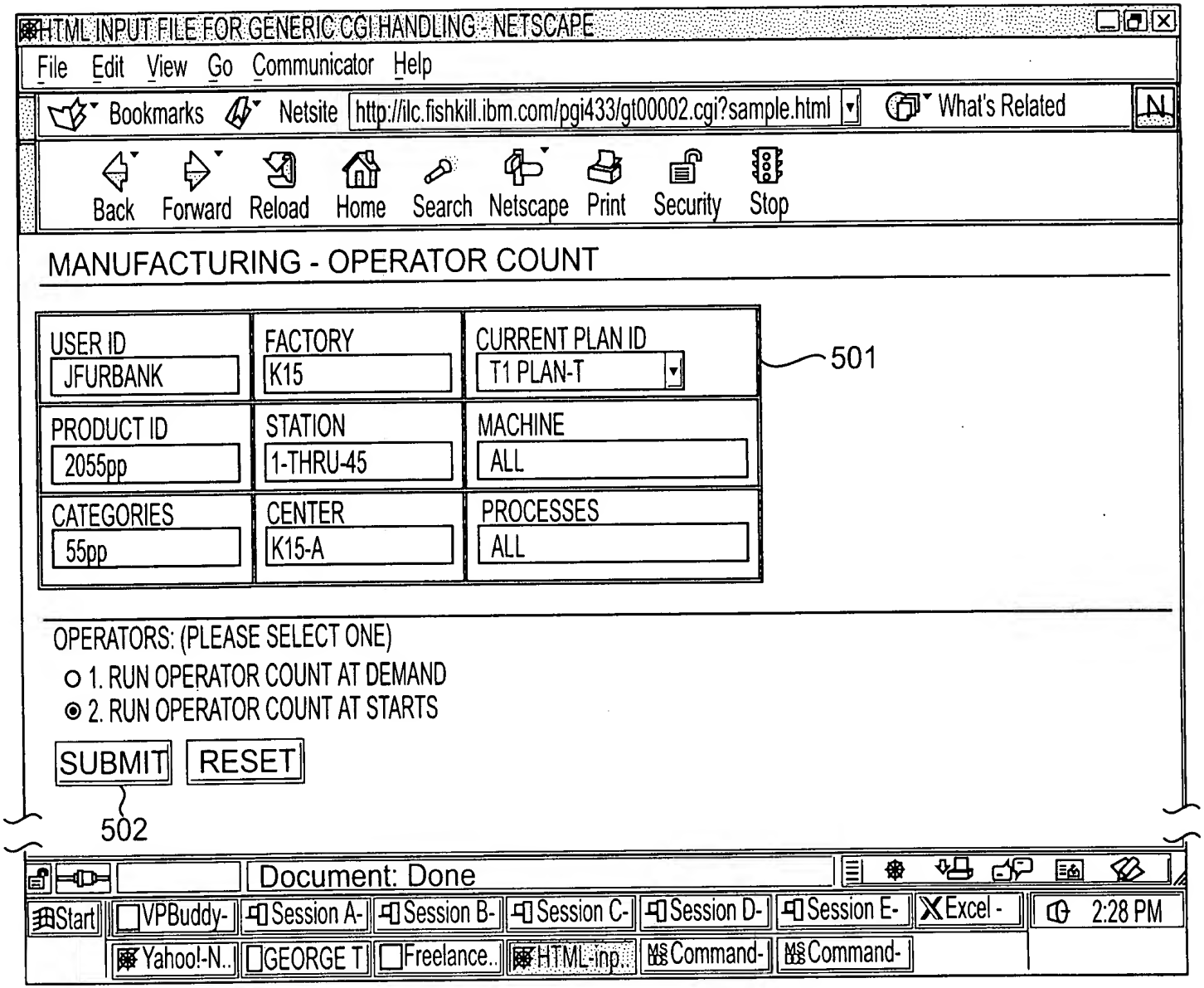

401
START
402
READ XX.PARM FILE
403
PARSE PARM FILE FOR (1) INPUT FIELD NAMES. (2) EMAIL ADDRESS., (3) POSTPROCESSING PROGRAM NAME.
404
RECEIVE USER-POSTED DATA STREAM
405
PARSE FOR: INPUT FIELD VALUES PER FIELD NAME; RECORD VALUES IN OUTPUT FILE.
406
POST-PROCESSING PRGM?
NO
YES
407
RUN POSTPROCESSING PROGRAM, ADD RESULT TO OUTPUT FILE
408
FINALIZE PREPARE OUTPUT FILE AS AN EMAIL
409
EMAIL OF TARGET RECIPIENTS?
NO
YES
410
SEND OUTPUT FILE TO TARGET RECIPIENTS EMAIL ADDRESSES
411
SEND CONFIRMATION NOTE TO USER, ATTACH OUTPUT FILE
412
EXIT

FIG. 4

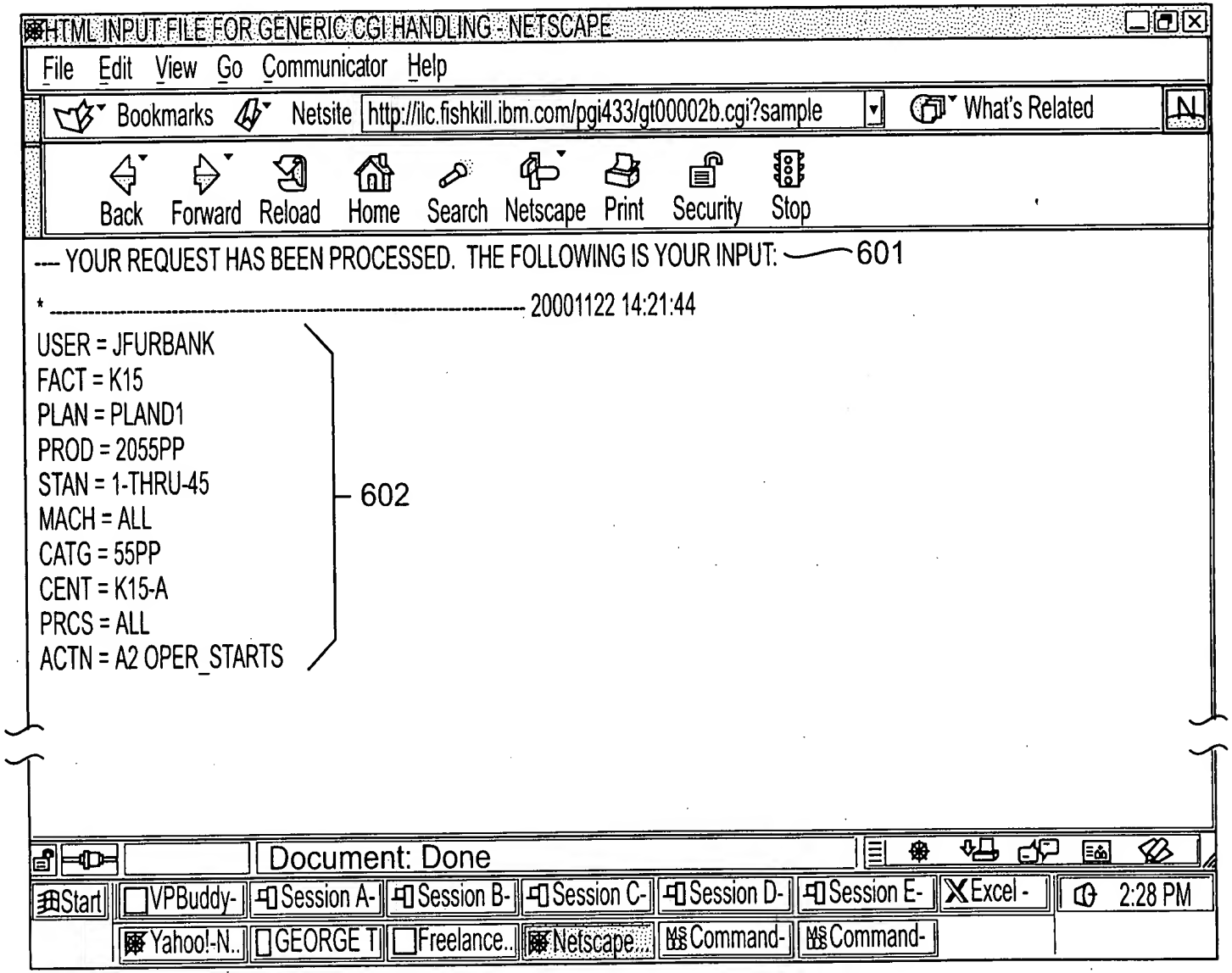
FIG. 5

SAMPLE.HTML INPUT SCREEN



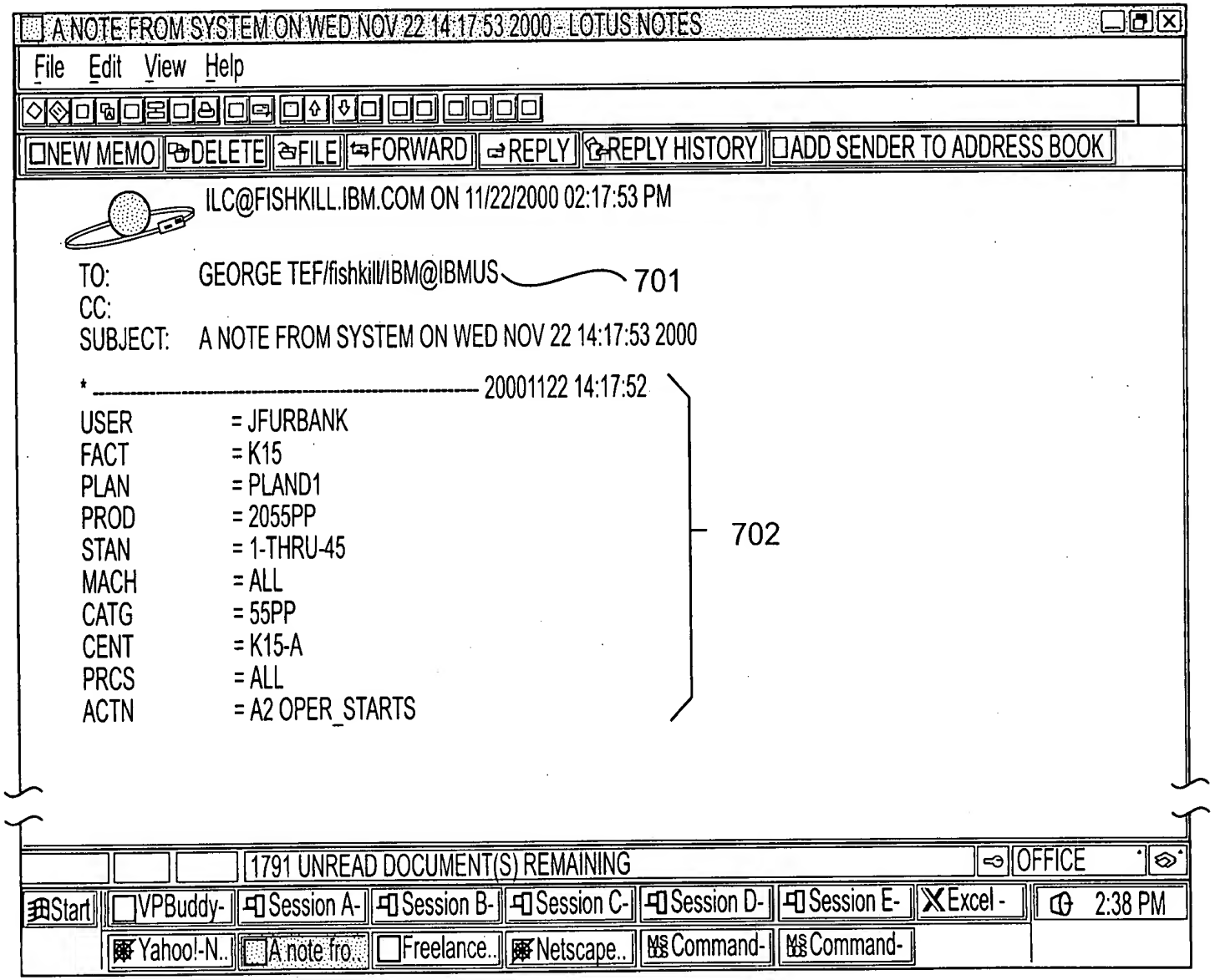
CONFIRMATION RESPONSE TO THE USER.

FIG. 6



OUTPUT FILE EMAILED TO TARGET RECIPIENT(S).

FIG. 7



PUBLIC DOCUMENT

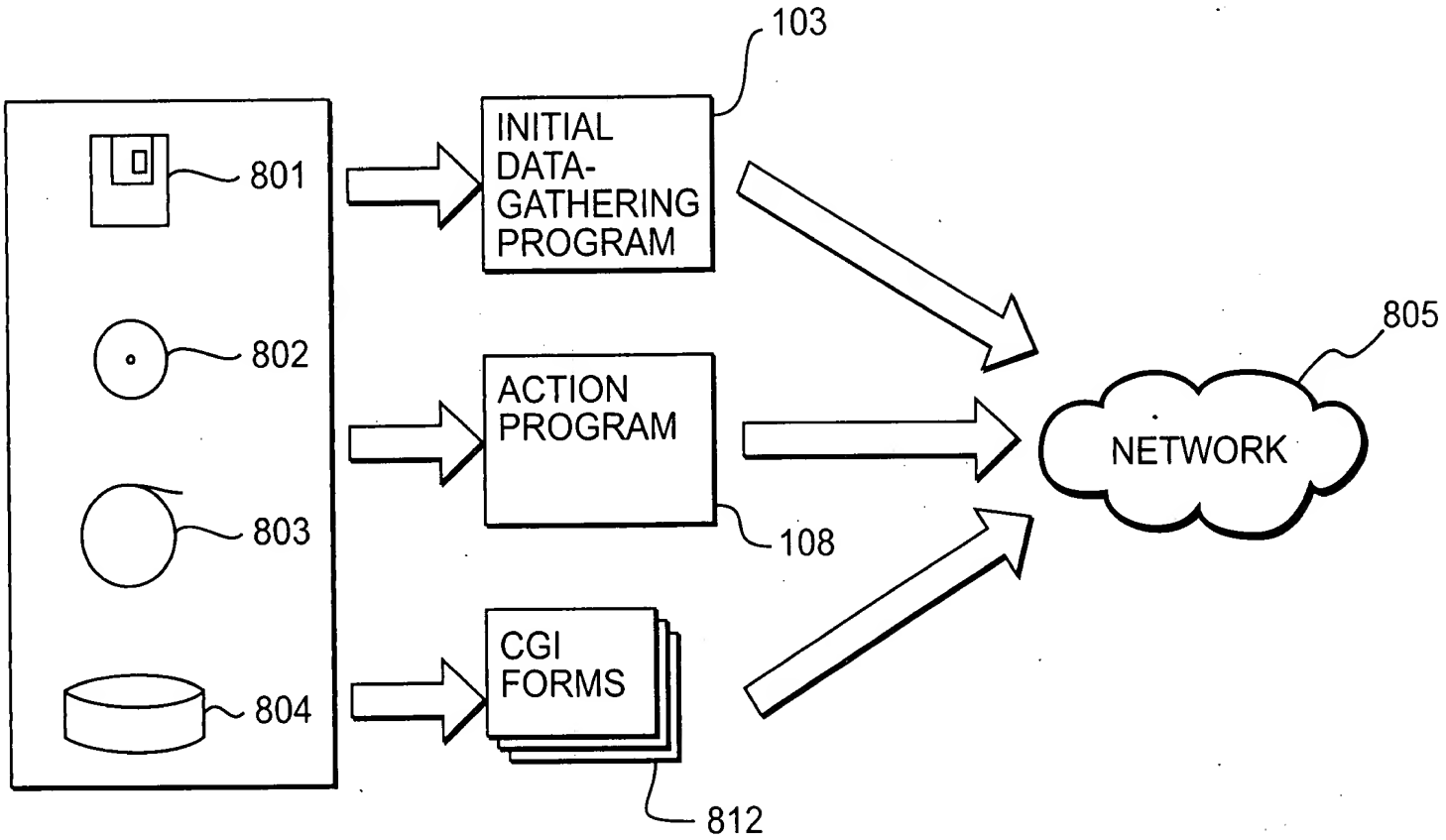


FIG. 8